us-09-856-070-17.rspt

Page 1

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January 16, 2003, 16-40-32 ; Search Lime 51 Seconds (Without alignments) 56,562 Million cell updates/see
GenCore version 5.1.3
Copyright (c) 1993 - 2003 Compugen Ltd.
                                                                                          OM protein - protein search, using sw model
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671580 Total number of hits satisfying chosen parameters: 671580 segs, 206047115 residues Gapop 10.0 , Gapoxt 0.5 Scoring table: sednence: Searched.

Post-processing: Minimum Match 0% Maximum Match 100% Listing first 45 summaries Minimum DB seq length: 0 Maximum DB seq length: 2000000000

sp_unclassified:* sp_invertebrate:*
sp_mammal:* sp_vertebrate:* sp_organelle:*
sp_phage:*
sp_plant:* sp_bacteriap:* sp_archea:* sp_bacteria:* sp_rodent:* sp_virus:* sp_rvirus.* sp_fundi:* SPTREMBL_21:* sp_human:* sp_mhc:* Database :

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

sp_archeap:*

SUMMARIES

	0110				
Score	Match	Watch Length DB	DB	ΔI	Description
69	100.0	15.2	<	Q9UUZ2	Oguiz2 homo sapien
69	100 n	156	4	2911.178	Oguiz8 homo sapien
69	100 0	158	4	7211160	09uig7 homo sapies
C V	٠ ٥٠٠:	153	7	Q947726	CONTRACTOR STORY
69	100.0	161	4	O9UK20	09uk20 homo sapien
خ پ	o joi:	2H 2	٠,	82360	0000 mm
99	95.7	455	11	ОВОНКЗ	OSVBK3 rattus norv
99	95.7	585	7,	9MDX60	O9Yqw5 qallus qall
99	95.7	586	11	Q9DCI1	O9dcil mus musculu
51	73.9	556	S	018181	Q18181 caenorhabdi
51	73.9	577	11	035763	035763 rattus norv
51	73.9	580	13	Q9FT71	O9pt71 xenopus lae
51	73.9	583	Ξ	Q9QW27	09qw27 mus sp. rad
51	73.9	583	13	09PU45	09pu45 dallus dall
51	73.9	1326	4	Q9F219	09p219 home saples
47	68.1	15. 15.	ľ	ОФЕПРА	OGEORS AMOSORPIJA

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д С.

RESULT 2 990JZ8

45 4 09P122 90 4 096JU3 91 4 096JU3 92 5 09V009 93 5 09P189 94 4 09E58 94 4 09E58 95 11 09R443 91 11 09R443 91 11 09R742 91 11 09V125 93 1 09P125 93 4 09V155 94 4 09F79 95 10 094546 96 12 091774 97 4 09F79 98 4 09F79 99 4 09F79 99 2 0910W3 99 0 2 0910W3 99 0 2 0910W3 99 0 2 0910W3 99 0 2 0910W3	6 6 4 5 4 5 4 5 4 5 4 5 4 5 4 5 4 5 4 5	Q9plu2 homo sapien	homod		droso			homod	Vad935 mas masculu	OBr443 rattus norv	0974j6 drosophila	Q8+197 dictyosteli	Cerbal mus masculu	QSayoS dictyosteli	291ze6 mus musculu	Q8vie5 mus musculu		09yStO homo sapien	Q8wxq6 homo sapien	ьсло	schiz	_	On4455 arabidopsis	991ft4 chilo inide	Q25777 plasmodium	C9c7v7 arabidopsis	드		O9p115 homo sapien	ношо
фффб(u)ффпсβ(псβ)пспффффффф Уфпсβ(пффффф	444600444111111111111111111111111111111	O9P122	096JU3	060H6A	COVYUO	025149	Q96PP8	_			098336	Q8T1G7	1 QAVRX2	CONCO				Q9Y5T0	98 mx 06	Q96P79	8XSD6Ö	C			925777		Q96PP9	O910W3	Q9P115	Q96T88
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ALIGNMENTS

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U. Caps
                                                                                                                                Homo sapiens (Human),
bykaryczis McLarca: Chordata; Craniata: Vertebrata; Euteleostomi;
Mammalia: Eutheria; Primates; Catarrhini; Hominidae; Homo.
NCHI_TaxID-9606;
                                                                                                                                                                                                                                                                                                                                                                                                             100.0%, Scote 69, 08 4, hength 152;
100.0%; Pred. No. 0.0064;
Cive 0, Mismatches 0, (ndels
                                                                                                                                                                                                                                 Chen Z.C., Fadiel A., Naftolin F.,
"Mutation of cytovillin gene in glioblastoma.";
Submitted (SEP-199) to the EMBL/GenHank/UDBJ databases.
EMBL. AF190059; AAF03158.1:
InterPro: IPR000299; Band 4.1.
InterPro: IPP000798; EZ/rad/moesin.
Pfam: PP00059; FRM: 1.
PROSITE: PS50057; HAND_41_3; 1.
                                                                                                                                                                                                                                                                                                                                                                     152 152
151 AA, 18410 MW; B7FCEB175LUB9231 CRC64;
                                        Q90JZ2;
01-MAY-2000 (TrEMRLrel. 13, Created)
01-MAY-2000 (TrEMRLrel. 13, Last sequence update)
01-MAY-2002 (TrEMRLrel. 20, Last annotation update)
Cylovillin 2 (Fragment).
                               152 AA
                               PRT;
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                             PRELIMINARY:
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Soury Match
Host Local Similarity
Host Local 41, Conservat
                                                                                                                                                                                                         SEQUENCE FROM N.A.
                                                                                                                                                                                                                       TISSUE-BRAIN;
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NON_TER
                           09UJZ2
RESULT 1
               Q9UJZ2
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SEQUENCE FROM N.A.
                                                                                                                  Ezrin (Fragment)
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NON_TER
SEQUENCE
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                                                                                                                                     Ezrin (Fragment).

Homo sapiens (Human).

Homo sapiens (Homo sapiens).

Homo sapiens (Homo sapiens).

Homo sapiens (Homo sapiens).

Homo sapiens (Homo sapiens).
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Eufeleostomi,
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       100.0%; Score 69; DB 4; Length 156;
100.0%; Pred, No. 0.0066;
Live 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             100.0%; Score 69; DH 4; Length 158; ilarity 100.0%; Pred. No. 0.0067; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                 Chen Z.C., Fadiel A., Naftolin F.; "Mutation of ezrin gene in cancer."; Submitted (SEP-1999) to the EMBL/GenBank/DDBJ databases.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Chen Z.C., Fadiel A., Naftolin F.;
"Ezrin gene mutation in ovarian cancer.";
Submitted (SEP-1999) to the EMBL/GenBank/DDBJ databases
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 156 AA; 19042 MW; 159F5AA684A2C3A6 CRC64;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SKOUENCE 158 AA; 19086 MW; 86E92E1BC6F2957E CRC64;
                                                                              01-MAY-2000 (TrEMBLEel, 13, Last sequence update)
01-MAR-2002 (TrEMBLEEL, 20, Last annotation update)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       01-MAY-2000 (TrEMBLEEL 13, Last sequence update)
01-MAR-2002 (TrEMBLEEL 20, Last annotation update)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0; Mismatches
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PRF; 156 AA.
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                                                      01-MAY-2000 (TrEMBLrel, 13, Created)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                      EMBL: AF188896; AAF03154.1; -.
InterPro; 1PR000299; Hand_4.1.
InterPro; 1PR000798; Ez/rad/moesin.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               J.K.T.;
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InterPro; IPR000299; Band_4.1.
InterPro; IPR000798; Ez/rad/moesin.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Best Local Similarity 100.
Matches 14; Conservative
   PRELIMINARY;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRELIMINARY;
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NON_TER
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NON_TER
09HJZ8;
09HJZ8;
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Gaps
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                                                                                                                                Homo Sapiens (Human).
Eukaryota, Mctazoa, Chōrdata, Craniata, Vertebrata, Euteleostomi;
Mammalia, Eutheria, Primates, Catarrhini; Hominidae; Homo.
NCBL_TaxID-9606;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Homo sapiens (Human).
Eukaryota; Metazoa, Chordata; Cianiata; Veitebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             100.0%; Score 69; DH 4; Length 159; 100.0%; Pred. No. 0.0067; tive 0; Mismatches 0; indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         100.0%; Score 69; DH 4; Length 161; 100.0%; Pred. No. 0.0068; O. Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Chen Z.C., Fadiel A., Naftolin F.;
"Mutation analysis of czrin gene in cancer cells.";
"Mutation analysis of czrin gene in cancer cells.";
Submitted (SEP-1999) to the EMBL/GenHank/DDBJ databases.
EMBL AF18752; AAD56713.1;
InterPro: IPP000299; Band_4.1.
InterPro: IPP000789; EZ/rad/moesin.
Ptam: PF00753; Band_41; 1.
                                                                                                                                                                                                                                                                                                Fadiel A., Chen Z.C., Naftolin F.;
"Mutation of ezrin gene in cancer.";
Submitted (SEP-1999) to the EMBL/GenHank/DDBJ databases.
EMBL; AF189213: AAF03156.1; -.
InterPro: JPR000299; Band 4.1.
InterPro: JPP,000798; Ez/rad/moesin.
Pfam; PF00769; ERM: 1.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                159 159 159 159 AM; 7C398388B7BA70FA CRC64;
090JZ6;
01 MAY-2000 (TrEMBLrel. 13, Created)
01-MAY-2000 (TrEMBLrel. 13, Last sequence update)
01-MAR-2002 (TrEMBLrel. 29, Last annotation apdate)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 01 MAY-2000 (TrEMBLICEL, 13, Created)
01-MAY-2000 (TrEMBLICEL, 13, Last sequence update)
01-MAR-2002 (TrEMBLICEL, 20, Last annotation update)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  586 AA.
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nes 14; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  14, Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRELIMINARY;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRELIMINARY;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          137 EREKEQMMREKEEL 150
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            143 EREKEOMMREKEEL 156
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1 EREKEÇMMREKEEL 14
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE FROM N.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      096CUB;
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Fri Jan 17 09:18:28 2003

585 AA.

PRT;

PRELIMINARY;

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O9YGW6
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Eukaryota; Metazoa, Chordata; Craniata; Vertebrata, Euteleostomi;
Mammalia: Butheria; Rodentia; Sciuroquathi; Muridae; Murinae; Pattus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Gales
                                                                                                                 Homo Sapiens (Human).
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Enteleostomi;
Mammalia: Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ä
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      :5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         100.0%; score 69; DB 4; Length 586; 100.0%; Prad No 0.021; Live 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       95.7%; Score 66; DB 11; Length 455; 92 9%; Prod No 0 047;
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                                                                                                                                                                                                                                                                                                                                                            Submitted (SEP-2001) to the EMRI/NeuBank/DDBJ databases.
EMRI: BC013903; AAH13903 1; -
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Gunn-Moore F T , Tait S , Brophy P T ;
Submitted (NOV-2001) to the EMPL/DenHunk/HURS databases
EMBL: AF450298; AAL47844.1; -.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PROSITE; PSONGEG: RAND_41_1; UNKNOWN_1.
PROSITE; PSONGF: RAND_41_2; UNKNOWN_1.
PROSITE; PSONGF: RAND_41_3: 1.
SEQUENCE 586 AA; 69412 MW; FIB592CF49A7CC46 CRC64;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              455 AA; 54174 MW; 1FC9A95F4C7D5893 CRC64;
01-DEC-2001 (TrEMBLrel. 19, Created)
01-DEC-2001 (TrEMBLrel. 19, Last sequence update)
01-MAR 2002 (TrEMBLrel. 20, Last annotation update)
Similar to villin 2 (ezrin).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Last sequence update)
Last annotation update)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                455 AA.
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PROSTTE; PS00661; BAND_41_2; UNKNOWN_1.
PROSTTE; PS50057; BAND_41_3; 1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  01-WAR-2002 (TrEMBLrel, 20, Created)
01-WAR-2002 (TrEMBLrel, 20, Last Sequ
01-JUN-2002 (TrEMBLrel, 21, Last anno
                                                                                                                                                                                                                                                                                                                                                                                                                     InterPro, IPR000299, Band 4.1.
InterPro, IPR000798, Ez/rad/moesin.
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interPro, iPR060748, Ps/And/Moosin
Pfam; PF00373; Band_41; 1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Pfam; PF00373; Band_41; 1.
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Matches 14; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Rattus norvegicus (Rat).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRINTS; PR00935; BAND41.
SMART; SM00295; B41; 1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 334 EREKEÇMI.KEKEETI. 347
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01-JUN-2002 (TrEMBLrel.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 EREKEOMMREKEEL 14
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Pfam; PF00769; ERM; 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Pfam; PF00769; EPM; 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Best Local Similarity
                                                                                                                                                                                                                                                                       SHOUENCE FROM N.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SPOUPNOP PROM N.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NCBI_TaxID-10116;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Ezrin (Fragment).
                                                                                                                                                                                                        NCBI_TaxID=9606;
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                                                                                                                                                                                                                                                                                                                                      Strausberg R.;
                                                                                                                                                                                                                                                                                                          TISSUE-COLON;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE
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RESULT 8

9M9X60

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A SUCHENCE FROM N. 1285UF-KIDNEY;

A MUDIANE-21085660; PubMed-11217851;

A MAWAI J., Shinagawa A., Shibata K., Yoshino M., Itoh M., Ishin Y.,

RA Arawa T., Hara A., Fukunishi Y., Kondo B., Yondo S., Yamanaka I.,

A Azawa K., Izawa M., Nishi K., Kiyosawa H., Kondo S., Yamanaka I.,

RA Adada K., Izawa M., Nishi K., Kiyosawa H., Kondo S., Yamanaka I.,

RA Sadota K., Matsuda H.A., Ashburner M., Hataloy S., Casavani T.,

RA Kadota K., Matsuda H.A., Ashburner M., Hataloy S., Casavani T.,

RA Kadota K., Matsudo Y., Nikaido I., Pesole G., Ouackenbush J.,

RA Kuchi P., Lewis S., Matsuo Y., Nikaido I., Pesole G., Ouackenbush J.,

RA Sakai K., Okido T., Furuno M., Aono H., Baldarelli R., Barsh G.,

RA Sakai K., Okido T., Furuno M., Aono H., Baldarelli R., Barsh G.,

RA Bake J., Boffelli D., Bojunga N., Carninci P., de Bonaido M.,

RA Gustincich S., Hill D., Hofmann M., Hume D.A., Kamiya M., Lee N.H.,

RA Lyons P., Marchionni I., Mashima J., Mazzarelli J., Mombaerts P.,

RA Sasaki H., Salo K., Schoenbach C., Seya T., Shibata Y., Storch K.-F.,
                                                                                                                                                                                                                                                                                                                                                     Takahashi M., Yamagata M., Noda M.;
"Specific expression of eziin, a cytoskeletal-membrane linker protein, in a subset of chick retinolectal and sensory projections.";
Eur. J. Neurosci. 11:545-558(1999).
EMBL. AND1979, BAAA7647.1.
Interpro: IPR000299; Hand.4.1.
                                                                                                                                                      Eukaryota: Metasca; Obordata; Crasiata, Vertebrata: Euteleostomi;
Archosauria; Aves; Neognathao; Galliformos; Phasianidao; Phasianinao;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Mus musculus (Mouse).
Fukaryata: Metarua; Cherdata; Craniata; Vertebrutu; Euteleostomi:
Mammalia; Eutheria; Rodentia; Seiurognathi; Muridae; Murinae; Mus.
                                                                                                               Ezilin.
Gallus gallus (Chicken).
Enkurvota: Motazoa; Phordata; Crumiata, Vertebrata; Enteleosiomi;
Enkurvota: Phasianidae; Phasiani
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          95.7%; Score 66; DB 13; Length 585; 92.9%; Pred. No. 0.058;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          01-JUN-2001 (TrEMBLICEL 17, Created)
ULUN-2001 (TREMBLICEL 17, Last sequence update)
01-JUN-2002 (TREMBLICEL 21, Last sequence update)
Adult male kidney cDNA, BIKEN tull-legath entiched library, close:0610037812, tull insert sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0; indels
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                                                                            01-MAR-2002 (Irambire). 20, Last annotation update)
                       01-MAY-1999 (TriMBLirel, 10, Created)
01-MAY-1999 (TriMBLirel, 10, Last sequence update)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1; Mismatches
                                                                                                                                                                                                                                                                             SEQUENCE FROM N.A.
STRAIN-WHITE LEGHOPN; TISSUE-BRAIN;
MEDLINE 99171943; Pubmed-10051754;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PPT;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PROSITE; PS00660; BAND_41_1; 1.
PROSITE; PS00661; BAND_41_2; 1.
PROSITE; PS50057; BAND_41_3; 1.
SEQUENCE 585 AA; 69566 MW; 1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Pfam, PF00373; Band_41; 1.
Plam; PF00769; ERM; 1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 13; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PFINTS, PRO0935, RAND41.
SMAKT; SM00295; B41; 1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   334 EREKEQMLREKEEL 347
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NCBI_TaxID-10090;
                                                                                                                                                                                                                              NCB1_faxID=9031;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQUENCE
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Q9YGW6;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Q9PC11
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Suzuki H., Toyo-oka K., Wang K.H., Weitz C., Whittaker C., Wilming L., Wyushaw-Boris A., Yoshida K., Haseqawa Y., Kawaji H., Kohtsuki S., Hayashizaki Y.; "Functional annotation of a full length mouse cDNA collection.",
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Eukaryota; Metazoa; Nematoda; Chromadorea; Rhabditida; Rhabditoidea;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            0,
                                                                                                                                                                                                                                                                                                                  0,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        "Genome sequence of the nematode C. elegans: a platform for investigating biology. The C. elegans Sequencing Consortium."; Science 282:2012-2018(1998).
                                                                                                                                                                                                                                                                                95.7%; Score 66; DB 11; Length 586; 92.9%; Prod No 0.58; tive 1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         73.9%; Score 51; DB 5; Length 556; 83.3%; Pred. No. 8.7; tive 1, Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1, Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      "The sequence of C. elegans cosmid C25H3.";
Submitted (JUN 1995) to the EMSL/GenBank/DDBJ databases.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              "Direct Submission.";
Submitted (SEP-2001) to the EMBL/GenBank/DDBJ databases.
EMBL; U294345, AAR31458 1;
                                                                                                                                                                                                                                                     SALAMMESZSPADPINE CRC64;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SMART, SM00509, TFS2N, 1.
Hypothetical protein.
SKOUENCE 556 AA; 61825 MW; 7D33611464444F75 CRC64;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      01-JUN-2001 (TrEMBLrcl. 17, iast sequence update) 01-DEC-2001 (TrEMBLrcl. 19, last annotation update)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Rhabditidae, Peloderinae, Caenorhabditis.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        01-NOV-1996 (TrEMBLrel, 01, Created)
                                                                                                                                                                                                                                                                                                                                                                                                                                                          - Lad
                                                                                                          InterPro; IPR000299; Band_4.1.
InterPro; IPR000748; Pr7rad/monsin
Pfam; PP00373; Band_41; 1.
Ptam; PP00769; ERM; 1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STRAIN-BRISTOL N2;
MEDLINE-99069613; PubMed-9851916;
                                                                                                                                                                                                    PROSITE: PS00660: BAND_41_1; 1.
PHOSITE: PS00661; RAND_41_2; 1.
PHOSITE: PS50057; HAND_41_2; 1.
SEQUINCE: S86 AA: MAND RESERVED
                                                                             EMBL; AK002766; BAB22341.1; -.
MGD; MGI:98931; Vil2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Hypothetical 61.8 kDa protein.
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                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity 92 99
Marches 13, Conservative
                                                               Nature 409:685-690(2001).
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                                                                                                                                                                        PRINTS; PR00935; BAND41.
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                                                                                                                                                                                                                                                                                                                                                                             334 EREKEQMLREKEEL 347
                                                                                                                                                                                                                                                                                                                                                1 EREKEOMMREKEEL 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Caenorhabditis elegans.
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Johnson D., Wilson R.;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     409 EREKEEMKREKE 420
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Best Local Similarity
                                                                                                                                                                                         SM00295; B41
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MEDINE-2000063; PubMed-10945828; Theobarides T.C., Wang L., Pang X., Letourneau R., Culm K.E., Basu S., Wang Y., Correla I., Wang Y., Letourneau R., Culm K.E., Basu S., Correla I., Corre
                                                                                                                                                                                                                                                                        Rattus norvegicus (Rat).
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Eodentia; Sciurognathi, Muridae; Murinae; Rattus.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Gaps
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Amphibia, Batrachia, Anura, Mesobatrachia, Fipoidea; Pipidae;
Xenopodinae; Xenopus.
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Submitted (JUN-1995) to the EMBL/GenBank/DDBJ databases.
EMBL: UZ9763; AAFL1215.1; -.
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PMOSITE; PS50057; BAND 41_3; 1.
SEQUENCE 560 AA; b8134 MW; 100bA7E9E5887074 CRC64;
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01 MAR 2002 (TrEMBLrel. 20, Last annotation update)
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20, Last asnotation update)
                                                                      577 AA.
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                                                                                                                                         (reated)
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01-MAY-2000 (TrEMBLrel. 13, Last seq
01-MAP-2002 (TrEMBLrel 20, Last anno
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                                                                          PPT;
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interPio, Tekööö798, Ez/iad/moesin.
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PPOSITE: PS00661; BAND 41_2: 1.
PROSITE: PS50057; BAND 41_3: 1.
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Pfam; PF00769; ERM; 1.
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SMART; SM00295; B41; 1
                                                                      PRF1.IMINARY;
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Archosauria; Aves; Neognathae; Galliformes; Phasianidae; Phasianinae;
 0; Gaps
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Mammalia: Eutheria: Rodentia: Sciurognathi: Muridae: Musinae: Mus
                                                                                                                                                                                                                                                                                                                                                              "The ezrin-like family of Lyrosine kinase substrates: receptor-specific pattern of Lyrosine phosphorylation and relationship to malignant transformation."; Oncogene 8 1335-1345(1349).
                                                                                                                                                                                                                                                                                                                     MEDLINE-93241736; Pubmed 8479753;
Fazioli F., Wong W.T., Hilrich S.J., Sakaguchi K., Appella P.,
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MEDIINE-20225478: PubMed-10760599;
Li W., Crouch D.H.;
"Cloning and expression profile of chicken radixin.";
Bicchim Phyphys. Acta 1491:327-332(2000).
EMBL; AJ249838; CAB59977.1; -.
                                                                                                                                                              01-MAY-2000 (TrEMBLrel. 13, Created)
01-MAY-2000 (TrEMBLrel. 13, Last sequence update)
01-MAR-2002 (TrEMBLrel. 20, Last annotation update)
NADIXIN-ESP10 product.
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01-MAY-2000 (TTFMBLTEL. 13, Last sequence update)
01-MAY-2002 (TTFMBLTEL. 20, Last annotation update)
                                                                                                                                     583 AA.
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3; Mismatches
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InterPro; IPR007784; E.Z./ad/Miocesin.
Plam: PF0073; Band_41; 1.
Plam: PF00769; ERM: 1.
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InterPro, IPR000798; Ez/rad/mnesin
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Pfam; PF00769; EPM; 1.
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10; Conservative
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                                           334 EKEKEKIEREKEEL 347
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                            1 EREKEÇMMREKEEL, 14
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EMBL. ARS4742, BAZ4331; -.
                                                                                                                                                                                                                                                                                                                                                                                              Homo sapiens (Human).
Eukarycta, Metazca, Chordata, Craniata, Vertebrata, Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
NCBI_TaxID-9606;
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                                                                                                                                            1; Indels
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                           PROSITE; PS00660; BAND_41_1; 1.
PROSITE; PS00661; BAND_41_2; 1.
PROSITE; PS00657; BAND_41_3; 1.
SEQUENCE 583 AA: 68555 MW; BE25634F4798CBE0 CRC64;
                                                                                                                                                                                                                                                                                                                      01-0CT-2000 (TrEMBLTG), 15, Created)
01-0CT-2000 (TrEMBLTG), Last sequence update)
01-0CT-2000 (TrEMBLTG), Last annotation update)
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                                                                                                                                            3; Mismatches
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Job time : 53 secs
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                                                                                                                                                                                                                                                                                                                                                                       KIAA1509 protein (Fragment).
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Conservative
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PRINTS; PR00935; BAND41.
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                SMART; SM00295; B41;
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